

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Spring 2015 Levee Inspection Results****Reclamation District No. 0369 Libby McNeil**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Reclamation District No. 0369 Libby McNeil

Waterway			Bank	Unit Miles
Unit No. 01 Steamboat Slough			Left	0.78
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/16/2015 - 04/16/2015			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start		Rating **	M	Issue No.	22
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0369_01_f_2012_22				
Action/Comments					
Inspector Comments: RD 369 members have not been flood fight trained.					

No Photos

LM Start		Rating **	M	Issue No.	27
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0369_01_f_2014_27				
Action/Comments					
Inspector Comments: RD 369 has no O&M Manual on hand.					

No Photos

LM Start		Rating **	M	Issue No.	28
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0369_01_f_2014_28				
Action/Comments					
Inspector Comments: RD 369 does not have emergency supplies on hand.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.00	Rating **	A/W	Issue No.	1
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.258842 °	38.252708 °
				-121.517844 °	-121.511260 °
DWR ID	DWR_RD0369_01_s_2012_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.02	Rating **	M	Issue No.	18
LM End	0.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.258745 °	38.257910 °
				-121.517563 °	-121.516560 °
DWR ID	DWR_RD0369_01_s_2015_18				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : SP_2015_RD0369_207_18_20150527_00001.jpg



Looking downstream at the waterside levee shoulder.

LM Start	0.05	Rating **	M	Issue No.	33
LM End	0.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.258434 °	38.258434 °
				-121.517283 °	-121.517283 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43625					
DS_ID:18971					
EP_NO: 8555					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe corroded through on LS at retaining wall. May not go all the way through the levee. Appears abandoned and if so should be done so properly.					
FIELD_STRUCT_DESC: 2 of 2: 4-inch steel pipe through the levee, 4-feet below the crown. Pipe visible on LS at retaining wall (Permit No. 8555 - Jordan Investment Co.)					
FS Date: 03/04/2015					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.06	Rating **	M	Issue No.	34
LM End	0.06	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.258347 °	38.258347 °
				-121.517169 °	-121.517169 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43811					
DS_ID:18970					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe appears abandoned and is filled with soil.					
Appears abandoned and if so should be done so properly.					
FIELD_STRUCT_DESC: 8-inch steel drainpipe through the levee, 8- feet below the crown. Hole in concrete retaining wall on LS slope measures 10-inches in diameter.					
FS Date: 03/04/2015					

No Photos

LM Start	0.10	Rating **	U	Issue No.	35
LM End	0.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.257953 °	38.257953 °
				-121.516613 °	-121.516613 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43812 DS_ID:25084 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Severe corrosion and holes visible in pipe on LS shoulder. Pipe appears abandoned and should be done so properly. FIELD_STRUCT_DESC: 4-inch steel pipe through the levee, 1-foot below the crown. Pipe visible on LS slope just in-front of gate on LS shoulder. Listed in O+M manual at RM 27.87, 1959. FS Date: 03/04/2015					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.10	Rating **	M	Issue No.	4
LM End	0.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257865 °	38.257695 °
				-121.516455 °	-121.516237 °
DWR ID	DWR_RD0369_01_s _ 2012_4				
Action/Comments					
Landscaping					

No Photos

LM Start	0.14	Rating **	M	Issue No.	19
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257467 °	38.249842 °
				-121.515860 °	-121.509910 °
DWR ID	DWR_RD0369_01_s _ 2015_19				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.18	Rating **	M	Issue No.	29
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.257118 °	38.256952 °
				-121.515383 °	-121.515105 °
DWR ID	DWR_RD0369_01_s _ 2015_29				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.21	Rating **	M	Issue No.	7
LM End	0.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.256737 °	38.256197 °
				-121.514982 °	-121.514370 °
DWR ID	DWR_RD0369_01_s _ 2014_7				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	0.26	Rating **	U	Issue No.	30
LM End	0.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.256245 °	38.255532 °
				-121.514352 °	-121.513515 °
DWR ID	DWR_RD0369_01_s _ 2015_30				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comments: Trim and thin out the wild growth of young trees.					

Photo 1 of 1 : SP_2015_RD0369_207_30_20150527_00002.jpg



Wild growth of young trees on the waterside blocking the view of slope.

LM Start	0.28	Rating **	M	Issue No.	9
LM End	0.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.255998 °	38.255925 °
				-121.514077 °	-121.513930 °
DWR ID	DWR_RD0369_01_f _ 2014_9				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.29	Rating **	M	Issue No.	17
LM End	0.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.255925 °	38.255745 °
				-121.513930 °	-121.513713 °
DWR ID	DWR_RD0369_01_f_2014_17				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	0.31	Rating **	M	Issue No.	10
LM End	0.72	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.255719 °	38.250537 °
				-121.513737 °	-121.510306 °
DWR ID	DWR_RD0369_01_s_2012_10				
Action/Comments					
Fence					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.36	Rating **	M	Issue No.	36
LM End	0.36	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.255250 °	38.255250 °
				-121.513210 °	-121.513210 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:43814 DS_ID:18972 EP_NO: 11117 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Siphon breaker on LS slope needs protection. Water is leaking from pump station Abandoned concrete structure found on WS 90-inch abandoned pipe found on WS. Should be removed 6-inch abandoned pipe found on WS. Should be removed. FIELD_STRUCT_DESC: 10-inch steel irrigation pipe through the levee 4.5-feet below the crown. Pump and Gate valve on WS shoulder. Siphon breaker on LS slope. O&M Manual Sac 111, May 1959, Revision Year 2011 RM 27.63 FS Date: 10/15/2012					

LM Start	0.40	Rating **	U	Issue No.	31
LM End	0.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.254708 °	38.253917 °
				-121.512727 °	-121.512063 °
DWR ID	DWR RD0369 01 s 2015 31				

Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Trim the trees so you can see the slope underneath.					

Photo 1 of 1 : SP_2015_RD0369_207_31_20150527_00003.jpg



Woody tree growth on the waterside blocking the view of the slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.43	Rating **	M	Issue No.	20
LM End	0.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.254360 °	38.252337 °
				-121.512380 °	-121.510930 °
DWR ID	DWR_RD0369_01_f_2014_20				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.48	Rating **	M	Issue No.	23
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.253760 °	38.253760 °
				-121.511937 °	-121.511937 °
DWR ID	DWR_RD0369_01_f_2014_23				
Action/Comments					
Repair slope instability.					

No Photos

LM Start	0.50	Rating **	M	Issue No.	24
LM End	0.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.253473 °	38.253302 °
				-121.511713 °	-121.511570 °
DWR ID	DWR_RD0369_01_f_2014_24				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.51	Rating **	M	Issue No.	37
LM End	0.51	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.253468 °	38.253468 °
				-121.511654 °	-121.511654 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43815					
DS_ID:18981					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Found abandoned pipe laying on WS levee slope.					
Pipe purpose and status should be determined. further investigation required.					
FIELD_STRUCT_DESC: 8-inch steel pipe running parallel with levee crown on WS slope.					
FS Date: 03/04/2015					

No Photos

LM Start	0.56	Rating **	M	Issue No.	38
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.252840 °	38.252840 °
				-121.511210 °	-121.511210 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41441 DS_ID:18973 EP_NO: 13783 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to locate due to dense vegetation. FIELD_STRUCT_DESC: Rehabilitate existing marina also debris deflector retain existing 2-inch dia. conduit. Install utility lines through levee (Septic tank on WS to leach field on LS). (App. # 13783) FS Date: 10/15/2012					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.56	Rating **	M	Issue No.	11
LM End	0.67	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.252708 °	38.251217 °
				-121.511262 °	-121.510433 °
DWR ID	DWR_RD0369_01_s_2012_11				
Action/Comments					
Fence					
Inspector Comments: This fence is located within the waterward shoulder.					

No Photos

LM Start	0.60	Rating **	M	Issue No.	12
LM End	0.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.252157 °	38.252087 °
				-121.511010 °	-121.510957 °
DWR ID	DWR_RD0369_01_s_2012_12				
Action/Comments					
Building					

No Photos

LM Start	0.61	Rating **	U	Issue No.	39
LM End	0.61	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.252176 °	38.252176 °
				-121.510833 °	-121.510833 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:43816					
DS_ID:18977					
EP_NO: 14313					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Septic line appears to be leaking at LS toe. Erosion of soil and wet soil visible at LS toe. No septic smell accompanied other evidence at site.					
FIELD_STRUCT_DESC: 1 of 3: 2-inch-diameter galvanized steel sewer line through the left bank levee of the Sacramento River. A metal cutoff placed around the pipeline near the centerline of the levee. 4' x 6' CC box at LS toe (Permit No. 14313).					
FS Date: 03/04/2015					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspections**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.66	Rating **	M	Issue No.	13
LM End	0.67	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.251447 °	38.251278 °
				-121.510627 °	-121.510547 °
DWR ID	DWR_RD0369_01_s _ 2012_13				
Action/Comments					
Building					

No Photos

LM Start	0.67	Rating **	M	Issue No.	3
LM End	0.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.251342 °	38.251147 °
				-121.510417 °	-121.510352 °
DWR ID	DWR_RD0369_01_s _ 2012_3				
Action/Comments					
Building					

No Photos

LM Start	0.67	Rating **	M	Issue No.	14
LM End	0.78	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.251200 °	38.249778 °
				-121.510512 °	-121.510022 °
DWR ID	DWR_RD0369_01_f _ 2012_14				
Action/Comments					
Building					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.69	Rating **	M	Issue No.	2
LM End	0.75	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.251012 °	38.250215 °
				-121.510292 °	-121.509992 °
DWR ID	DWR_RD0369_01_s _ 2012_2				
Action/Comments					
Building					

No Photos

LM Start	0.69	Rating **	M	Issue No.	15
LM End	0.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.250988 °	38.250910 °
				-121.510355 °	-121.510228 °
DWR ID	DWR_RD0369_01_s _ 2012_15				
Action/Comments					
Fence					

No Photos

LM Start	0.72	Rating **	M	Issue No.	16
LM End	0.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.250597 °	38.249925 °
				-121.510242 °	-121.510083 °
DWR ID	DWR_RD0369_01_s _ 2012_16				
Action/Comments					
Building					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.72	Rating **	M	Issue No.	8
LM End	0.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.250597 °	38.250215 °
				-121.510240 °	-121.509990 °
DWR ID	DWR_RD0369_01_s_2014_8				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.72	Rating **	U	Issue No.	32
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.250523 °	38.249923 °
				-121.510167 °	-121.509987 °
DWR ID	DWR_RD0369_01_s_2015_32				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Thin out and trim up the trees on the landside levee section. The slope cannot be viewed.					

Photo 1 of 1 : SP_2015_RD0369_207_32_20150527_00004.jpg



Looking upstream on the landside woody tree growth blocking the view of the levee slope and shoulder.

LM Start	0.79	Rating **	M	Issue No.	26
LM End	0.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.249573 °	38.249420 °
				-121.509987 °	-121.509977 °
DWR ID	DWR_RD0369_01_f_2014_26				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0369 Libby McNeil

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Steamboat Slough	Left	0.78	04/16/2015 04/16/2015	Herman Phillips

LM Start	0.80	Rating **	U	Issue No.	40
LM End	0.80	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.249819 °	38.249819 °
				-121.509946 °	-121.509946 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: FS_ID:43756 DS_ID:18984 EP_NO: 12944 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: WS shoulder is saturated do to a water leak either at this backflow preventer or due to another waterline in the area. Leak needs to be repaired. FIELD_STRUCT_DESC: 1 of 2: 4-inch Galvanized steel domestic water line through the levee 1.5-feet below the crown. Provides service to town of lock down center of Levee Street. Concrete Block pumphouse on WS at south end of boathouse. Gate valves and Backflow device visible at south side of Boathouse (Permit No. 12944, 1982). FS Date: 10/15/2012					

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement